

# NOVEMBER

at the

## CALIFORNIA ACADEMY OF SCIENCES

### NOVEMBER MEETING

Date: Tuesday, November 12, 8:15 p.m.

Place: Morrison Auditorium

Speaker: Walter H. Berlet

Subject: "THE LIVING WILDERNESS"

In a display of extraordinary close-up photography of wild animals, Walter Berlet of Casper, Wyoming, brings to his audiences a spellbinding story of life in the heart of the Rockies. More than eight years in production, "The Living Wilderness" covers the three states of Wyoming, Montana and Idaho. Viewers are given new vision into the life histories of many different mammals - all of which are threatened with extinction for one reason or another.

Pronghorns, bison, elks, moose, bighorn sheep, mule deer and many other big mammals are shown in their natural surroundings with emphasis on their ecological roles and the different behavior patterns of the species.

Time-lapse photography lets us watch the Chinook wind, blowing down from the mountain peaks into the valleys, raising the temperature by 30 to 40 degrees in a matter of hours and we see its life-saving effect on the near-frozen wild creatures.

Mr. Berlet's narration is inspired by his conviction that we must be ever watchful and act positively to guard our great wild American heritage.

### MORRISON PLANETARIUM

"ECCENTRIC STARS" continues through November 3.

Beginning November 6, "STARS AROUND THE WORLD". With a flick of the lecturer's wrist, audiences are transported in time and space and are able to observe the heavens as they are seen through the eyes of inhabitants in any part of the world.

Performances daily at 3:30 p.m. Evening performances Wednesday through Sunday at 8:30. Extra matinees on Saturday and Sunday at 2:00 p.m. The Planetarium is closed on Monday and Tuesday evenings. Admission: Adults, 75¢ Juniors, 40¢.

### SPECIAL EXHIBITS

Exhibit on the Month: "DINOSAUR EGGS". The eggs on display are casts of six found in the Gobi Desert during the 1920's during an expedition of the American Museum of Natural History. They are that of the Protoceratops, a

small plant-eating dinosaur who laid the eggs in beds of lower Cretaceous age approximately 100 million years ago. The originals are in the American Museum. Main Foyer, Science Museum.

"ASIAN ALBUM", Dr. Edward S. Ross' record of his insect collecting trip through tropical Asia continues in Lovell White Hall of Man and Nature through November.

### "SCIENCE IN ACTION"

Thursday nights, 7:30 p.m., KTVU-TV, Channel 2.

November 7: "ELECTRONICS IN MEDICINE", with Guest Scientist Noel P. Thompson, M.D., Chief, Medical Electronic Division, Palo Alto Medical Research Foundation.

November 14: "THE STORY OF HELIUM" with Dr. Gerhard Cook, Linde Division of Union Carbide Corporation.

November 21: "ULCERS" with Stewart Tuttle, M.D., University of California at Los Angeles.

November 28: "SUPERSONIC TRANSPORT" with Lloyd Jones, Chief of Vehicle-Aerodynamics Branch, Ames Research Center.

## NEWS and NOTES .....

It seems in order to remark at this time on the rather phenomenal growth of the Picture Collection, the youngest member in the Academy's family of departments.

The generous contributions of members and friends of the Academy have made possible the purchase of much needed pictorial material for television, exhibit and loan uses. Gifts of magazines, textbooks, etc., have further added to the collections and 80,000 pictures have been filed for reference use. It is estimated that within ten years, at the present rate of growth, 500,000 items will be available for reference.

The rich pictorial material in the various Academy departments has been brought together in one place and is in the process of being catalogued. This will facilitate research, loan and publication use of some 40,000 original negatives, photographs, drawings and paintings of a host of subjects.

Essentially an audio-visual aids department, the Collection is supervised by Johan Kooy who also doubles as Art Director for the Academy's bimonthly PACIFIC DISCOVERY. Volunteer Assistant Mrs. Mary Courtright has devoted many hours to cataloguing and filing new additions. Miss Jill Carson has cleaned and repaired all films and has done extensive

work on the botanical illustrations. Mrs. Dorothy Green has devoted much time to clipping and sorting publications and organizing the photographic collections. Volunteer help would be welcomed in order to process a backlog of waiting material.

Two important new collections have been added within the past year, the linoleum block prints of botanical subjects by Mr. Henry Evans of San Francisco, and a collection of original paintings of the weedy plants of San Francisco County by Mrs. Mary Virginia Roberts. Both artists have had public exhibitions of their work within recent months.

Another new permanent exhibit, "The Plant Kingdom", has been completed and installed in the Alice Eastwood Hall of Botany. Serving as an introduction to the other permanent displays within the hall, the exhibit includes descriptions and samples of the four great groups of plants - Thallophytes (algae and fungi), Bryophytes (mosses and liverworts), Pteridophytes (ferns and fern allies), and Spermatophytes (seed plants). All components of the display were created in the Academy's Department of Exhibits.

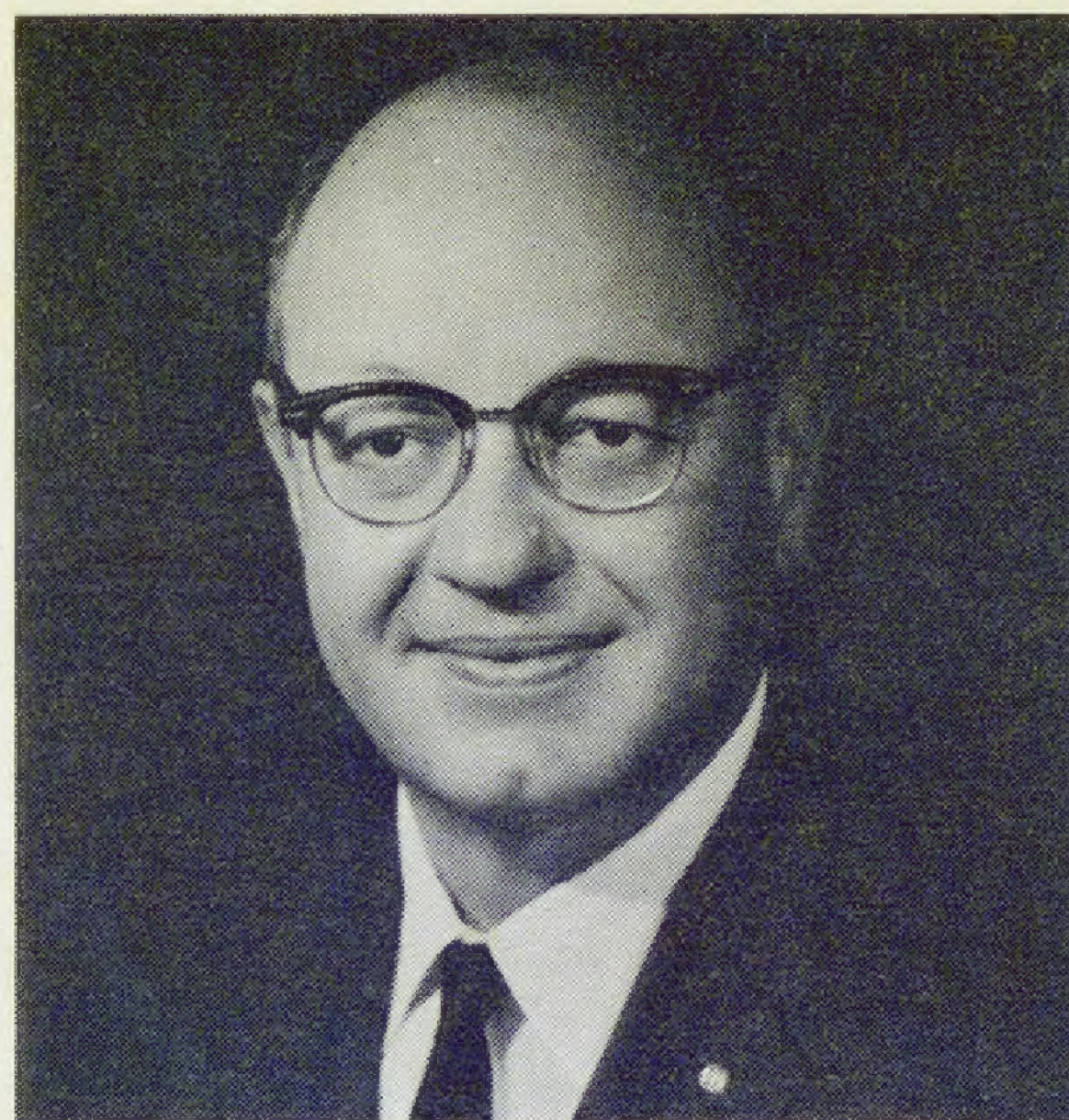
The Academy, joining with other local museums, was host to the Western Museums League Conference which held its 21st Annual Meeting, October 11-13, in San Francisco.

Dr. Syoziro Asahina, a medical entomologist with the National Institute of Health in Tokyo, was a recent visitor to the Department of Entomology to study its oriental collections of dragonflies. Though Dr. Asahina's vocation demands his attention to be placed on such trouble makers as flies, mosquitoes, ticks, etc., a prime personal interest is the dragonfly. He is President of the Dragonfly Society, an international organization, most of whose members are in Japan.

The success of the Academy's "Exhibit of the Month" has led to a somewhat similar innovation in the horological display in the Hall of Science which now boasts a case called "Timepiece of the Month". Collectors in and around the Bay Area have promised to loan their treasures for display, on occasion, to add variety to like treasures now within the Academy but for which there is no room, at present, for presentation. During the month of November, the feature will be a French urn clock, circa 1820, the design for which is believed to have been executed by Napoleon I. The clock is from the collections of Mr. Bruce Kock.

(Continued on reverse)

## Meet The New Director



DR. GEORGE E. LINDSAY, the new Director of the Academy who assumed his duties on October 1, was, according to him, "stuck" in more ways than one when, as a young man, he made a trip with his parents through the desert near Palm Springs, California. It was here that he was painfully introduced to a jumping cholla, an arborescent, very spiny cactus which abounds in the area. He took bits and pieces of his "attacker" home and then began a life-long association with cactus and succulent plants. His particular interest is desert biology.

Dr. Lindsay was born in Pomona, California, attended San Diego State College for two years and later, became the first Director of the Desert Botanical Garden in Phoenix. During World War II, he was an Air Force combat photographer in the European theatre and was discharged with the rank of Captain.

After the war, he enrolled at Stanford University from which he received both his bachelor's and doctoral degrees, his major being taxonomic botany. During the summers of 1952 and 1953, he was active in the Arctic Research Laboratory at Point Barrow, Alaska. Since 1956, Dr. Lindsay has been head of the famous San Diego Natural History Museum in Balboa Park.

For the past three years, Dr. Lindsay has been on the executive committee of the Pacific Division of the American Association for the Advancement of Science and has served on boards of other organizations, including the Cactus and Succulent Society of America. He is a member of the Botanical Society of America and the American Society of Plant Taxonomists.

All things that deal with the early history of Lower California are of particular interest. Dr. Lindsay collects old books (especially old herbals) and old maps devoted to this part of the world and hopes, time permitting, to carry this interest further.

"The prospect of being at the Academy and in San Francisco gives me much pleasure. I look forward to enjoying the many advantages of both", he commented. "The Academy is a sturdy institution, full of life and full of vigor. I do believe that if it could survive the earthquake and fire of 1906, it has a fair chance of withstanding the change of directorship which occurred on October 1. I certainly hope so!"

(NEWS and NOTES continued)

During the past months, the various members of the staff of the Department of Botany have been a peripatetic lot. Currently, Associate Curator Dr. Elizabeth McClintock is travelling in the east, St. Louis, Washington D.C., Philadelphia, New York, Boston - botanizing all the way. Mrs. Blanche Clear, Assistant in the Department, is encircling the globe, her first stop - western Australia. Her plan is to return to the U.S. by way of England. Mr. and Mrs. Lewis S. Rose spent two months abroad during the summer in England, Switzerland, Italy and Greece.

Other members of the Department, Gladys Smith and Dr. Hans Leschke, have been content to confine their peregrinations to the Pacific Coast. Curator John Thomas Howell has more or less commuted between the Academy and Monterey County where he is doing field work on the flora of that area. The flora is being compiled by Beatrice F. Howitt.

### NEW MEMBERS OF THE ACADEMY

#### Regular Membership

|                            |                         |
|----------------------------|-------------------------|
| Mr. Samuel DeWalt Arner    | Mr. Donald Magnin       |
| Miss Elizabeth Bade        | Mr. E. F. Menzies       |
| Miss Alpha Harkness Booth  | Mrs. Dorman Miner       |
| Dr. Dorothy P. Danno       | Mrs. Patricia N. Newman |
| Mr. Robert N. Fernandez    | Miss Mary Ann Orr       |
| Miss Esther T. Gaw         | Mr. Alexander Poniatoff |
| Miss Theodora Gottwald     | Miss Maralyn Quayle     |
| Miss E. R. Hansen          | Mrs. Frederick Ruckert  |
| Mrs. F. B. Hilmer          | Miss Ruth A. Rudser     |
| Dr. Richard C. Hubbard     | San Francisco           |
| Mr. Tad Jones              | Microscopical Society   |
| Mrs. R. Lonie              | Mr. John T. Swift       |
| Mr. Pardee Lowe, Jr.       | Mr. K. B. Towne         |
| Mr. David Madfes           | Miss Joan Ulmer         |
| Mr. Chester H. Winningstad |                         |

#### Family Membership

|                             |                              |
|-----------------------------|------------------------------|
| Mr. Armand D. Bosc          | Mrs. Hazel Anderson Kershner |
| Mrs. Gene Bryant            | Mr. & Mrs. E. L. Molick      |
| Mr. & Mrs. James B. Frankel | Mr. Melvin H. Morgan         |
| Mr. Francis H. Frederick    | Mr. & Mrs. Walter Newman     |
| Mr. Robert H. Gerdes        | Mr. Walter C. Nichol         |
| Mr. David Jewell Grabast    | Miss Jeanne Ormsby           |
| Mr. E. Peter Helms          | Mr. Arthur Solomon           |
| Mr. Max Horn                | Miss Jeanette M. Witbeck     |

#### Life Membership

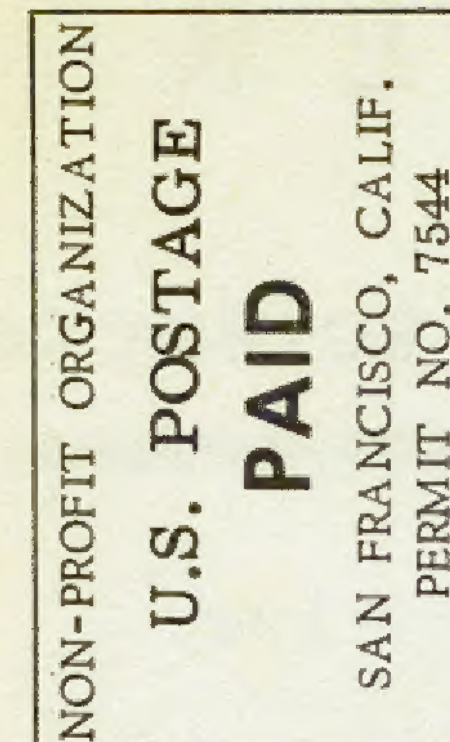
Keith Robert Conning

#### Contributing Membership

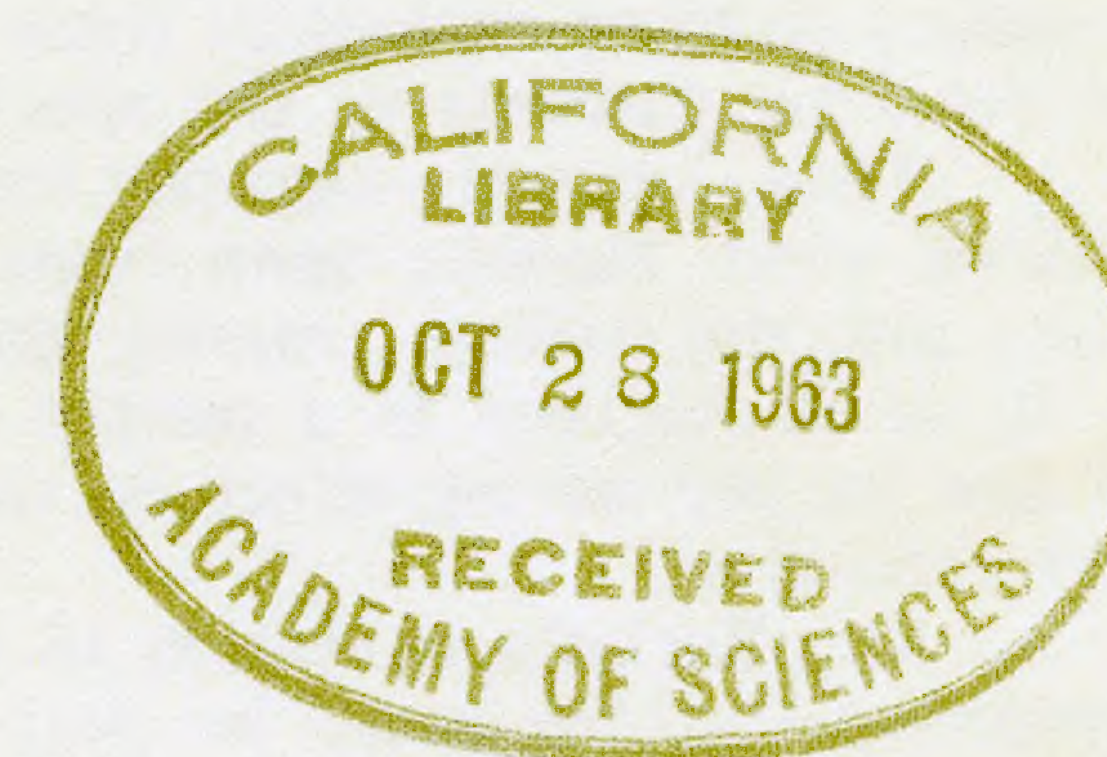
Mr. & Mrs. E. Herrick Low

THE CALIFORNIA ACADEMY OF SCIENCES  
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